

## LABORATORY REPORT

Prepared For: GPL Laboratories  
7210-A Corporate Court  
Frederick, MD 21703  
Attention: Tim Mikesell

Project: Omega Chemical

Sampled: 11/09/06  
Received: 11/09/06  
Issued: 11/27/06 19:44

NELAP #01108CA California ELAP#1197 CSDLAC #10256

*The results listed within this Laboratory Report pertain only to the samples tested in the laboratory. The analyses contained in this report were performed in accordance with the applicable certifications as noted. All soil samples are reported on a wet weight basis unless otherwise noted in the report. This Laboratory Report is confidential and is intended for the sole use of TestAmerica and its client. This report shall not be reproduced, except in full, without written permission from TestAmerica. The Chain of Custody, 1 page, is included and is an integral part of this report.*

*This entire report was reviewed and approved for release.*

## CASE NARRATIVE

### LABORATORY ID

IPK1061-01

IPK1061-02

### CLIENT ID

OC2-MW201-W-0-269

OC2-MW101-W-0-270

### MATRIX

Water

Water

**SAMPLE RECEIPT:** Samples were received intact, at 3°C, on ice and with chain of custody documentation.

**HOLDING TIMES:** All samples were analyzed within prescribed holding times and/or in accordance with the TestAmerica Sample Acceptance Policy unless otherwise noted in the report.

**PRESERVATION:** Samples requiring preservation were verified prior to sample analysis.

**QA/QC CRITERIA:** All analyses met method criteria, except as noted in the report with data qualifiers.

**COMMENTS:** No significant observations were made.

**SUBCONTRACTED:** Refer to the last page for specific subcontract laboratory information included in this report.

Reviewed By:



TestAmerica - Irvine, CA  
Diane Suzuki  
Project Manager

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## SEMI-VOL ORGANICS by GC/MS-CHEMICAL IONIZATION (EPA 3520C/1625C-CI MOD)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IPK1061-01 (OC2-MW201-W-0-269 - Water)								
Reporting Units: ug/l								
N-Nitrosodimethylamine	EPA 1625C-CI Mod	6K12038	0.0020	ND	0.99	11/12/2006	11/15/2006	
Sample ID: IPK1061-02 (OC2-MW101-W-0-270 - Water)								
Reporting Units: ug/l								
N-Nitrosodimethylamine	EPA 1625C-CI Mod	6K12038	0.0029	0.0012	1.43	11/12/2006	11/15/2006	RL-4 J

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## INORGANICS

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
<b>Sample ID: IPK1061-01 (OC2-MW201-W-0-269 - Water)</b>								
Reporting Units: mg/l								
Chromium VI	EPA 218.6	6K09100	0.00030	ND	1	11/9/2006	11/9/2006	
<b>Sample ID: IPK1061-02 (OC2-MW101-W-0-270 - Water)</b>								
Reporting Units: mg/l								
Chromium VI	EPA 218.6	6K09100	0.00030	ND	1	11/9/2006	11/9/2006	

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## CDHS SRL 524 MODIFIED METHOD FOR 1,2,3-TRICHLOROPROPANE PT/GCMS

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
<b>Sample ID: IPK1061-01RE1 (OC2-MW201-W-0-269 - Water)</b>								
Reporting Units: ng/L								
1,2,3-Trichloropropane (123-TCP)	SRL 524M-TCP	C6K1708	120	ND	25	11/17/2006	11/17/2006	RL-1
<b>Sample ID: IPK1061-02 (OC2-MW101-W-0-270 - Water)</b>								
Reporting Units: ng/L								
1,2,3-Trichloropropane (123-TCP)	SRL 524M-TCP	C6K1708	120	ND	25	11/17/2006	11/17/2006	RL-1

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## SHORT HOLD TIME DETAIL REPORT

	Hold Time (in days)	Date/Time Sampled	Date/Time Received	Date/Time Extracted	Date/Time Analyzed
<b>Sample ID: OC2-MW201-W-0-269 (IPK1061-01) - Water</b>					
EPA 218.6	1	11/09/2006 08:20	11/09/2006 13:16	11/09/2006 13:00	11/09/2006 16:07
<b>Sample ID: OC2-MW101-W-0-270 (IPK1061-02) - Water</b>					
EPA 218.6	1	11/09/2006 10:55	11/09/2006 13:16	11/09/2006 13:00	11/09/2006 16:18

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## METHOD BLANK/QC DATA

### SEMI-VOL ORGANICS by GC/MS-CHEMICAL IONIZATION (EPA 3520C/1625C-CI MOD)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	Limits	RPD	RPD Limit	Data Qualifiers
<b>Batch: 6K12038 Extracted: 11/12/06</b>										
<b>Blank Analyzed: 11/14/2006 (6K12038-BLK1)</b>										
N-Nitrosodimethylamine	0.000530	0.0020	ug/l							J
<b>LCS Analyzed: 11/14/2006 (6K12038-BS1)</b>										
N-Nitrosodimethylamine	0.00857	0.0020	ug/l	0.0100		86	60-140			
<b>LCS Analyzed: 11/14/2006 (6K12038-BS2)</b>										
N-Nitrosodimethylamine	0.00207	0.0020	ug/l	0.00200		104	60-140			
<b>Matrix Spike Analyzed: 11/14/2006 (6K12038-MS1)</b>										
N-Nitrosodimethylamine	0.00794	0.0020	ug/l	0.0100	ND	79	50-130			
<b>Matrix Spike Dup Analyzed: 11/14/2006 (6K12038-MSD1)</b>										
N-Nitrosodimethylamine	0.00792	0.0019	ug/l	0.00971	ND	82	50-130	0	30	

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## METHOD BLANK/QC DATA

### INORGANICS

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
<b>Batch: 6K09100 Extracted: 11/09/06</b>										
<b>Blank Analyzed: 11/09/2006 (6K09100-BLK1)</b>										
Chromium VI	ND	0.00030	mg/l							
<b>LCS Analyzed: 11/09/2006 (6K09100-BS1)</b>										
Chromium VI	0.0500	0.00030	mg/l	0.0500		100	90-110			
<b>Matrix Spike Analyzed: 11/09/2006 (6K09100-MS1)</b>					<b>Source: IPK1040-05</b>					
Chromium VI	0.0490	0.00030	mg/l	0.0500	ND	98	90-110			
<b>Matrix Spike Analyzed: 11/09/2006 (6K09100-MS2)</b>					<b>Source: IPK1132-06</b>					
Chromium VI	0.354	0.0015	mg/l	0.250	0.11	98	90-110			
<b>Matrix Spike Dup Analyzed: 11/09/2006 (6K09100-MSD1)</b>					<b>Source: IPK1040-05</b>					
Chromium VI	0.0490	0.00030	mg/l	0.0500	ND	98	90-110	0	10	
<b>Matrix Spike Dup Analyzed: 11/09/2006 (6K09100-MSD2)</b>					<b>Source: IPK1132-06</b>					
Chromium VI	0.357	0.0015	mg/l	0.250	0.11	99	90-110	1	10	

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## METHOD BLANK/QC DATA

### CDHS SRL 524 MODIFIED METHOD FOR 1,2,3-TRICHLOROPROPANE PT/GCMS

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
<b>Batch: C6K1708 Extracted: 11/17/06</b>										
<b>Blank Analyzed: 11/17/2006 (C6K1708-BLK1)</b>										
1,2,3-Trichloropropane (123-TCP)	ND	5.0	ng/L							
<b>LCS Analyzed: 11/17/2006 (C6K1708-BS1)</b>										
1,2,3-Trichloropropane (123-TCP)	5.41	5.0	ng/L	5.00		108	80-120			
<b>Matrix Spike Analyzed: 11/17/2006 (C6K1708-MS1)</b>										
1,2,3-Trichloropropane (123-TCP)	45.5	5.0	ng/L	50.0	ND	91	80-120			
<b>Matrix Spike Dup Analyzed: 11/17/2006 (C6K1708-MSD1)</b>										
1,2,3-Trichloropropane (123-TCP)	45.9	5.0	ng/L	50.0	ND	92	80-120	1	20	

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## DATA QUALIFIERS AND DEFINITIONS

<b>J</b>	Estimated value. Analyte detected at a level less than the Reporting Limit (RL) and greater than or equal to the Method Detection Limit (MDL). The user of this data should be aware that this data is of limited reliability.
<b>RL-1</b>	Reporting limit raised due to sample matrix effects.
<b>RL-4</b>	Reporting limit raised due to insufficient sample volume.
<b>ND</b>	Analyte NOT DETECTED at or above the reporting limit or MDL, if MDL is specified.
<b>RPD</b>	Relative Percent Difference

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## Certification Summary

### TestAmerica - Irvine, CA

Method	Matrix	Nelac	California
EPA 1625C-CI Mod	Water		
EPA 218.6	Water	N/A	X
EPA 524.2 Mod	Water		

*Nevada and NELAP provide analyte specific accreditations. Analyte specific information for TestAmerica may be obtained by contacting the laboratory or visiting our website at [www.testamericainc.com](http://www.testamericainc.com)*

### Subcontracted Laboratories

#### TestAmerica - Ontario, CA *California Cert #1169, Arizona Cert #AZ0062, Nevada Cert #CA-242*

1014 E. Cooley Drive, Suite AB - Colton, CA 92324

Method Performed: SRL 524M-TCP

Samples: IPK1061-01RE1, IPK1061-02

### TestAmerica - Irvine, CA

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